MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

MAY 1954

GIORGIO CONTINO, ACTING DIRECTOR

Printed at the American Press
Beirut, Lebanon

LIBRARY
NOV 23 1955
WEATHER BUREAU

MAY 1954

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degress Centigrade					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	61.3	60.5	59.5	60.4	27.0	18.1	23.3	25.9	22.2	23.8
2	57.7	56.7	56.6	57.0	25.6	18.7	24.2	23.2	19.7	22.4
3	57.0	57.7	58.2	57.6	22.3	16.4	20.5	20.2	19.4	20.0
4	60.4	60.7	60.8	60.6	23.8	15.6	20.8	22.8	17.8	20.5
5	61.7	61.0	60.1	60.9	24.3	15.7	20.4	23.6	17.4	20.5
6	59.9	58.9	58.6	59.1	22.8	16.9	20.7	21.8	18.2	20.2
7	56.9	57.5	59.1	57.8	23.7	15.4	20.2	23.6	18.6	20.8
8	61.1	61.1	62.0	61.4	23.3	14.8	20.5	21.9	16.8	19.7
9	61.4	61.5	61.0	61.3	24.3	16.4	22.8	22.7	18.4	21.3
10	59.9	59.3	58.3	59.2	26.3	16.6	22.2	24.2	19.1	21.8
11	53.0	54.3	56.8	54.7	27.3	17.0	24.3	22.9	18.9	22.0
12	58.3	59.2	59.5	59.0	23.0	15.8	20.7	20.3	18.1	19.7
13	59.9	60.5	60.7	60.4	23.3	16.1	17.6	22.5	17.8	19.3
14	60.5	60.6	61.4	60.8	23.6	14.9	19.6	23.2	17.4	20.1
15	62.3	61.9	62.0	62.1	23.6	15.8	21.0	22.4	18.2	20.5
16	63.5	63.6	63.7	63.6	23.1	16.1	20.0	22.9	18.2	20.4
17	63.4	62.3	61.6	62.4	25.0	17.2	20.9	22.2	18.9	20.7
18	60.5	60.2	60.0	60.7	25.7	17.8	23.2	24.1	20.0	22.4
19	60.0	59.4	59.4	59.6	27.0	18.8	22.2	26.7	20.0	23.0
20	57.3	57.5	56.9	57.2	31.7	19.6	25.8	28.1	24.8	26.2
21	59.2	59.1	60.2	59.5	25.5	18.5	23.6	25.2	19.8	22.9
22	59.1	60.9	59.4	59.8	26.6	19.7	23.0	22.2	22.8	22.7
23	59.6	59.3	59.0	59.3	27.3	19.3	23.9	26.7	20.5	23.7
24	60.2	60.9	60.7	60.6	27.3	18.3	25.0	26.6	21.0	24.2
25	61.7	61.6	61.3	61.5	27.7	19.3	25.0	27.2	21.2	24.5
26	59.9	58.7	57.8	58.8	30.2	21.3	25.0	28.4	22.4	25.3
27	56.6	55.7	55.9	56.1	28.6	21.1	26.1	28.5	23.9	26.2
28	54.3	53.9	56.0	54.7	29.6	20.9	27.2	28.6	22.5	26.1
29	58.4	58.4	58.3	58.4	27.9	19.4	23.6	27.2	21.2	24.0
30	59.9	60.1	60.7	60.2	26.4	18.4	23.1	23.9	20.5	22.5
31	61.2	60.5	60.5	60.7	27.9	18.4	24.0	26.7	20.5	23.7
	59.55	59.47	59.55	59.53	25.86	17.69	22.59	24.40	19.88	22.30

Barometer, range for month 763.7 mm. — 753.0 mm.
„ 71-yr. average for month 759.50 mm.
Thermometer, range for month 31.7°C — 14.8°C
„ 71-yr. average for month 22.48°C
Rain total for month 8.89 mm.
„ 71-yrs average for month 18.15 mm.
„ Total, Sept. 1st. to end of month 967.23mm.
„ 71-yrs. average. Sept. 1st. to end of month 888. 15 mm.

MAY 1954

METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	13.6	23.0	19.8	18.8	47	69	74	63	12.5	5.0	
2	19.0	19.5	19.0	19.2	66	69	83	73	2.3	31.0	
3	18.7	20.3	20.2	19.7	79	88	89	85	0.1	235.0	
4	18.1	17.5	16.4	17.3	76	63	81	73	11.5	185.0	
5	16.4	17.1	16.3	16.6	67	60	83	70	12.0	103.0	
6	18.1	17.8	18.2	18.0	75	69	86	77	10.5	14.0	
7	19.2	18.3	15.5	17.7	82	64	74	73	7.0	174.0	
8	14.8	14.4	13.6	14.3	60	57	73	63	8.6	64.0	
9	17.5	16.9	15.5	16.6	63	61	75	66	12.4	153.0	
10	9.7	17.2	16.7	14.5	37	60	76	58	12.3	285.0	
11	19.2	18.7	17.2	18.4	64	69	79	71	11.1	581.0	
12	15.3	16.4	14.3	15.3	65	68	71	68	10.4	425.0	0.25
13	19.2	17.4	16.4	17.7	96	65	80	80	9.4	233.0	8.64
14	17.9	17.1	14.8	16.6	79	59	77	72	10.6	146.0	
15	16.5	17.4	17.1	17.0	67	64	81	71	11 3	64.0	
16	16.9	16.9	16.5	16.4	73	63	79	72	11.6	220.0	
17	16.5	19.2	17.2	17.6	66	72	78	72	12.0	254.0	
18	18.9	21.5	19.2	19.9	67	73	81	74	9.9	63.0	
19	21.6	19.3	20.3	20.4	80	55	87	74	11.0	2.0	
20	15.9	23.0	14.0	17.6	48	61	44	51	10.0	192.0	
21	21.4	20.0	18.0	19.8	75	65	79	73	9.1	130.0	
22	16.9	20.4	19.9	19.1	62	77	71	70	2.3	172.0	
23	20.3	21.3	19.3	20.3	69	61	79	70	10.1	175.0	
24	20.0	23.3	21.3	21.5	64	67	86	72	10.9	129.0	
25	21.2	22.8	18.9	21.0	67	63	76	69	12.2	39.0	
26	12.3	20.6	22.2	18.4	38	55	84	59	10.8	396.0	
27	18.5	19.9	15.5	18.0	53	53	52	53	9.4	169.0	
28	20.8	24.0	24.2	23.0	57	63	91	70	11.1	232.0	
29	23.9	24.9	21.9	23.6	83	68	88	80	5.9	134.0	
30	22.6	20.9	19·3	20.9	79	71	80	77	0.4	27.0	
31	19.7	20.6	19.9	20.1	66	59	81	69	12.7	64.0	
	18.08	19.60	18.02	18.56	66.8	64.9	78.0	69.9	9.40	164.39	0. 29

Height of Barometer above sea level : 33.7 meters.
„ „ Thermometers above ground :
Dry and wet 1.55 m ; Max. 1.75 m. ; Min. 1.70 m.
Rim of Rain Gauge : above ground 0.56 m. ; above sea level 30.31 m.
Time of reading minus 2 hours equal G.C.T
71 year averages are for period, 1875-1945

MAY 1954

METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	0	0	0	0.0	1ne	1ne	1ne	light	M. on Sea. a.m.
2	6ci	10st	0	5.3	1ne	1n	1n	,,	D., p.m.
3	10st	10st	10st	10.0	1sw	1sw	2sw	,,	
4	2st	3st	4st	3.0	1sw	1sw	1sw	,,	
5	0	0	0	0.0	2sw	1w	1sw	,,	D.,p.m.
6	6cu-st	0	0	2.0	1nw	1n w	1ne	light	D., p.m.
7	10ni	8st	10st	9.3	1w	1sw	1sw	,,	Tr., p.m.
8	3cu-st	10cu-st	0	4.3	1w	1w	1nw	,,	
9	0	0	0	0.0	1ne	2ne	1ne	,,	
10	0	0	0	0.0	1ne	2ne	3ne	slight	
11	9ci-st	0	9st	6.0	1ne	3sw	1sw	slight	G., at noon. H., p.m.
12	3cu-st	7cu-st	6st	5.3	2sw	1sw	1sw	light	
13	10ni	8cu-st	5cu-st	7.7	2sw	2sw	1sw	,,	
14	5cu	3cu-st	0	2 7	1sw	2sw	1sw	,,	Tr., a.m.
15	3cu-ci	4cu-st	10st	5.7	1sw	1nw	1w	,,	~~Tr., a.m.~~
16	5st	0	2ci	2.3	1nw	1n	1ne	light	
17	0	1ci	0	0.3	1n	2n	1n	,,	
18	1ci	8ci	10st	6.3	1sw	2ne	1ne	,,	
19	3st	0	0	1.0	1n	1ne	0	,,	D. a.m
20	10ci-st	10ci	0	6.7	1sw	1ne	1sw	calm	M. on Sea. a.m.
21	5ci-st	10ci-st	0	5.0	2sw	2sw	1w	light	
22	10st-ni	10st	10st	10.0	2nw	1n	1n	,,	
23	6ci-st	1st	0	2.3	1ne	2ne	1ne	,,	
24	0	0	0	0.0	2ne	2ne	1ne	,,	H., p.m.
25	0	4ci-st	0	1.3	1e	1e	1e	,,	D., a.m.
26	0	0	0	0.0	1sw	1w	1w	light	D., p.m.
27	3st	4st	0	2.3	2sw	2sw	1s	,,	
28	0	0	3st	1.0	1ne	1ne	1w	,,	D., p.m.
29	10st	10st	0	6.7	2sw	1sw	1sw	,,	D., p.m.
30	10st	10st	0	6.7	2sw	1w	1w	,,	
31	1cu	0	0	0.3	1sw	1nw	1nw	,,	
	mean			3.66					

Abbreviations: G = gale; H = haze; M = mist; T = thunderstorm; D = dew.
W = strong wind; Tr = trace of rain

NUMBER OF DAILY WIND OBSERVATIONS

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	2	8	1	0	0	15	2	3	0	31
14:30	4	9	1	0	0	10	4	3	0	31
20:30	3	8	1	0	1	10	5	2	1	31
Total	9	25	3	0	1	35	11	8	1	93

Number of days with rain 2, fog 0, thunderstorms 0, gale. 1
71 yr. av. number of days with rain during month 3.08